

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of FOX TELEVISION STATIONS, INC., licensee of KRIV-DT, Channel 27 in Houston, Texas, in support of its Application for Construction Permit to operate on Channel 26 with its post-transition DTV facility.

It is proposed to mount a standard ERI directional antenna at the 593-meter level of the existing 600-meter tower on which the present KRIV-DT antenna is mounted. Exhibit B provides antenna azimuth and elevation pattern data, and proposed operating parameters are tabulated in Exhibit C. Exhibit D is a map upon which the predicted service contours are plotted. As shown, the city of license is completely contained within the proposed 48 dBu service contour. It can be seen in Exhibit E that the proposed 41 dBu contour extends slightly beyond that of the allotment facility assigned to KRIV-DT in Appendix B of the Commission's DTV Table of Allotments. However, at no azimuth does the proposed contour exceed that of the allotment facility by more than five miles. Accordingly, since the station's post-transition DTV Channel (26) is different than its pre-transition DTV Channel (27), the applicant requests a waiver of the current freeze on the filing of such an application. An interference study is included in Exhibit F, and a power density calculation is provided in Exhibit G.


It is not expected that the proposed facility would cause objectionable interference to any other broadcast or non-broadcast station authorized to operate at or near the KRIV-DT site.

EXHIBIT A

However, if such should occur, the owner of this station recognizes its obligation to take whatever corrective actions are necessary.

Since no change in overall height or location of the existing tower is proposed herein, the FAA has not been notified of this application. In addition, the FCC issued Antenna Structure Registration Number 1028555 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

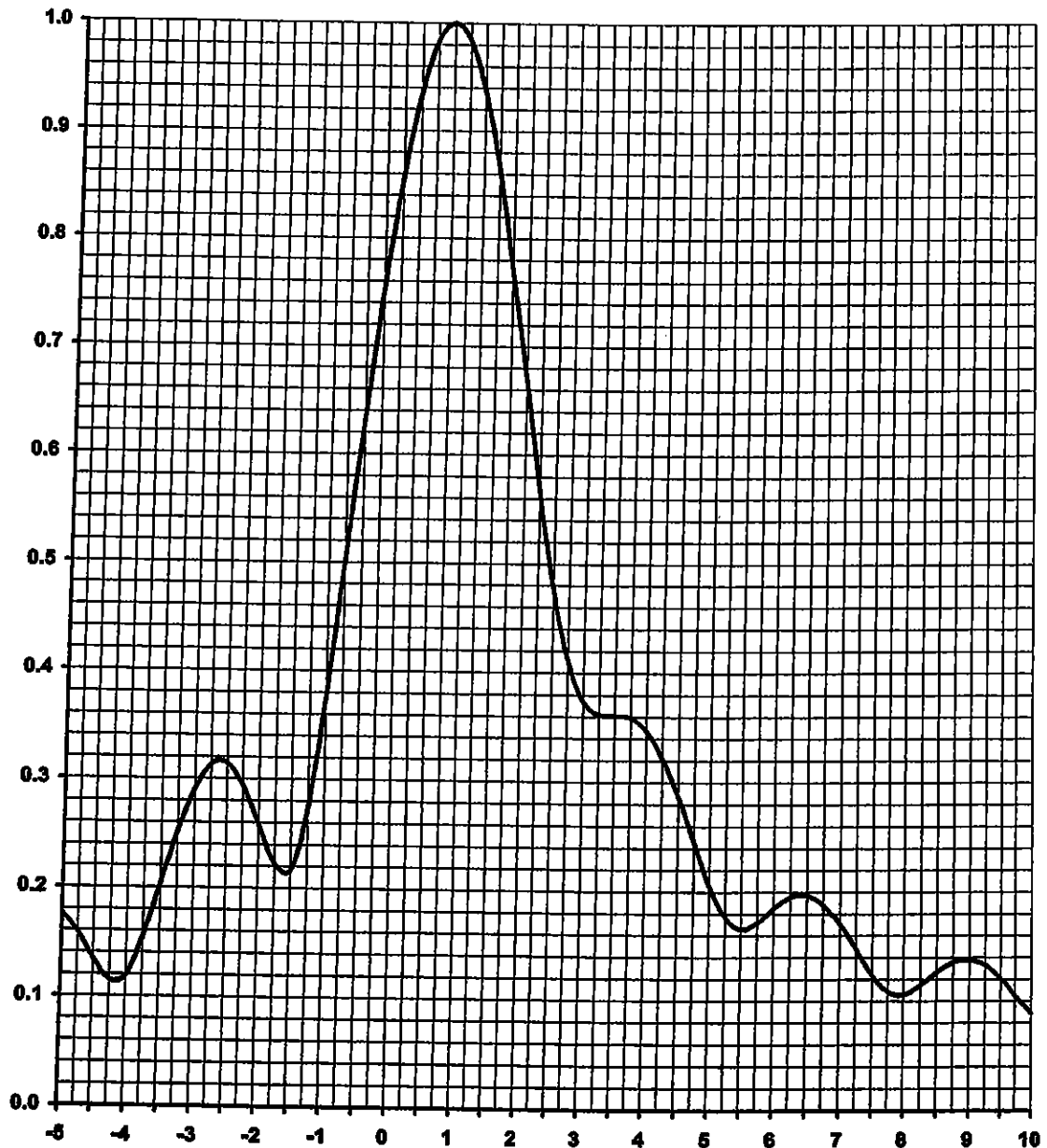


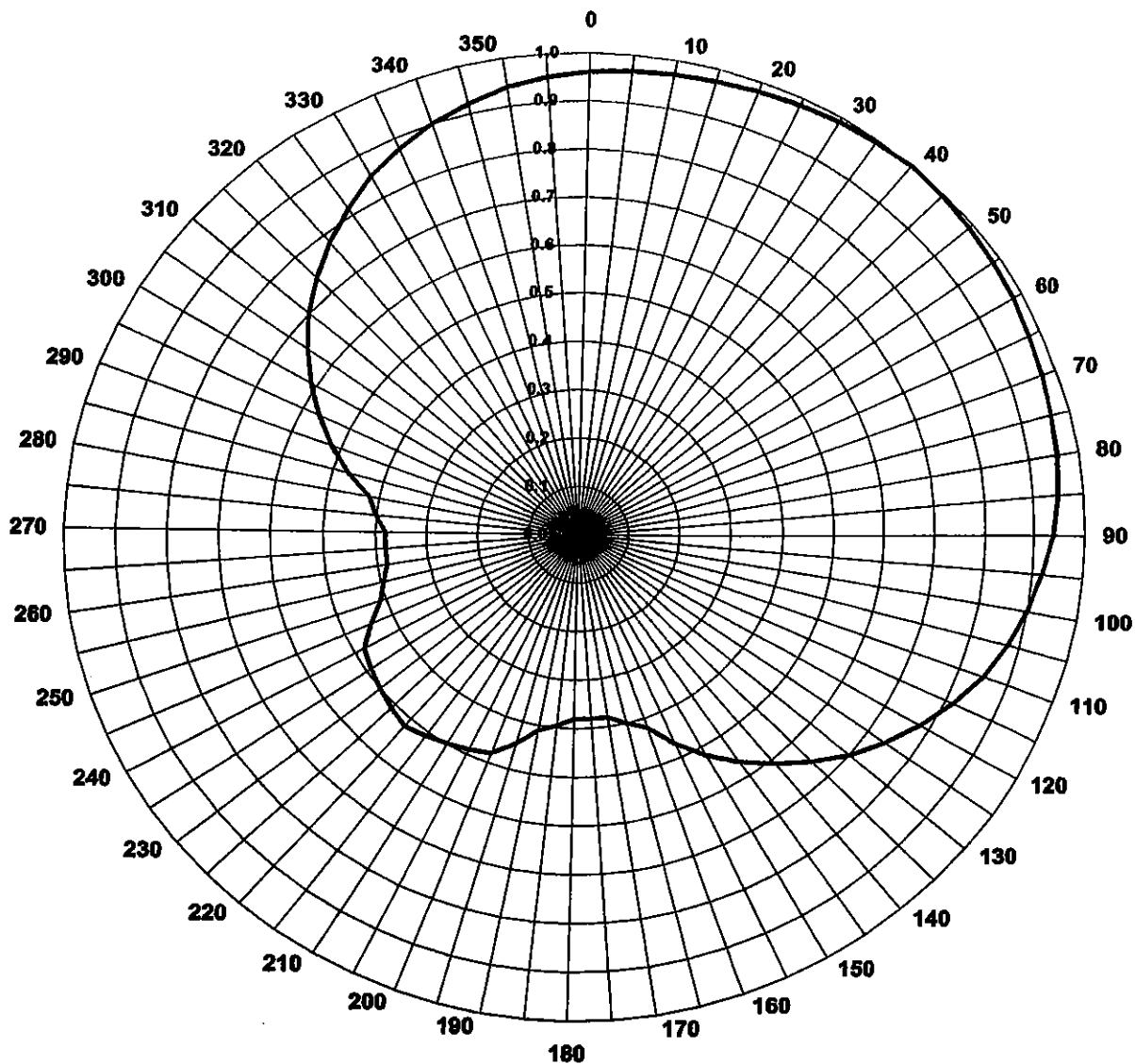
KEVIN T. FISHER

March 10, 2008

ELEVATION PATTERN**TYPE:****ATW22H3H****Frequency:** 26 (DTV)**Directivity:**

Numeric	dBd
22.00	13.42
16.16	12.08

Location: Houston, TX**Main Lobe:****Beam Tilt:** 0.75**Horizontal:****Polarization:** Horizontal**ELECTRONICS RESEARCH, INC. ERI****EXHIBIT B-1****ANTENNA ELEVATION PATTERN****PROPOSED KRIV-DT
CHANNEL 26 - HOUSTON, TEXAS****SMITH AND FISHER**

AZIMUTH PATTERN**TYPE:****CH26HAZ-CX****Directivity:****Numeric****dB****Peak(s) at:****1.86****2.70****Frequency:****26 (DTV)****Location:****Houston, TX****Polarization:****Horizontal****Note:** Pattern shape and directivity may vary with channel and mounting configuration.**ELECTRONICS RESEARCH, INC. ERI****EXHIBIT B-2****ANTENNA AZIMUTH PATTERN****PROPOSED KRIV-DT
CHANNEL 26 - HOUSTON, TEXAS****SMITH AND FISHER**

ANTENNA AZIMUTH PATTERN DATA

PROPOSED KRIV-DT
CHANNEL 26 – HOUSTON, TEXAS

<u>Azimuth</u> <u>(° T)</u>	<u>Relative</u> <u>Field</u>	<u>ERP</u> <u>(dbk)</u>	<u>Azimuth</u> <u>(° T)</u>	<u>Relative</u> <u>Field</u>	<u>ERP</u> <u>(dbk)</u>
0	0.96	24.4	180	0.38	16.4
10	0.97	24.5	190	0.41	17.0
20	0.98	24.6	200	0.48	18.4
30	0.99	24.7	210	0.50	18.7
40	1.00	24.8	220	0.52	19.1
50	0.99	24.7	230	0.50	18.7
60	0.98	24.6	240	0.48	18.4
70	0.97	24.5	250	0.41	17.0
80	0.96	24.4	260	0.38	16.4
90	0.94	24.2	270	0.38	16.4
100	0.90	23.9	280	0.42	17.2
110	0.85	23.4	290	0.52	19.1
120	0.78	22.6	300	0.61	20.5
130	0.70	21.7	310	0.70	21.7
140	0.61	20.5	320	0.78	22.6
150	0.52	19.1	330	0.85	23.4
160	0.42	17.2	340	0.90	23.9
170	0.38	16.4	350	0.94	24.2

EXHIBIT C

PROPOSED OPERATING PARAMETERS

PROPOSED KRIV-DT
CHANNEL 26 -- HOUSTON, TEXAS

Transmitter Power Output:	10.8 kw
Transmission Line Efficiency:	68.2%
Antenna Power Gain -- Main Lobe:	40.92
Effective Radiated Power -- Main Lobe:	300 kw

Transmitter Make and Model:	Type-accepted
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Transmission Line Make and Model:	Andrew MACX875
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Size and Type:	8-3/16" rigid
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Length:	2080 feet
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Antenna:

Make and Model:	ERI ATW22H3-HTCX-26S
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Orientation	40° T
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Beam Tilt	0.75 degrees
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Radiation Center Above Ground:	593 meters
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Radiation Center Above Mean Sea Level:	617 meters
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INTERFERENCE STUDY
PROPOSED KRIV-DT
CHANNEL 26 – HOUSTON, TEXAS

The instant application specifies an ERP of 300 kw (directional) at 598 meters above average terrain, which we have determined to be allowable under the FCC's recently approved interference standards with respect to various digital television facilities as they will exist on or before February 17, 2009, the date by which all stations must operate with the parameters recently adopted in the Commission's DTV Table of Allotments.

In evaluating the interference effect of this proposal, we have relied upon the V-Soft Communications "Probe III" computer program, which has been found generally to mimic the FCC's program. In conducting our studies, we employed a cell size of 2.0 kilometers and an increment spacing of 1.0 kilometer along each radial. In addition, we utilized the 2000 U.S. Census. Changes in interference caused by proposed KRIV-DT to other pertinent stations are tabulated in Exhibit F-2.

As shown, the proposed KRIV-DT facility would not contribute more than 0.5% interference (beyond that which is caused by the allotted KRIV-DT facility) to the service population of any potentially affected post-transition DTV station.

A Longley-Rice interference study also reveals that the proposed KRIV-DT facility does not cause significant (0.5%) interference within the protected service contour of any potentially affected Class A low power television station.

Therefore, this proposal meets the FCC's *de minimis* interference standards for DTV operations.

EXHIBIT F-2

INTERFERENCE STUDY SUMMARY

PROPOSED KRIV-DT
CHANNEL 26 – HOUSTON, TEXAS

<u>Call Sign</u>	<u>City State</u>	<u>CH.</u>	<u>Coverage Population</u>	<u>Interference Population From KRIV-DT*</u>	<u>%</u>
KXXV-DT BLC DT-20050630AFE	Waco, TX	26	1,368,540	663	<0.1
KPXL-DT Allotment	Uvalde, TX	26	1,802,165	305	<0.1

*Above that caused by the KRIV-DT allotment facility.

EXHIBIT G

POWER DENSITY CALCULATION

PROPOSED KRIV-DT
CHANNEL 26 – HOUSTON, TEXAS

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Houston facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 300 kw, an antenna radiation center 593 meters above ground, and the elevation pattern of the ERI antenna, maximum power density two meters above ground of 0.00011 mw/cm^2 is calculated to occur 158 meters northeast of the base of the tower. Since this is less than 0.1 percent of the 0.36 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 26 (542-548 MHz), a grant of this proposal may be considered a minor environmental action with respect to public and occupational ground-level exposure to nonionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive nonionizing radiation.